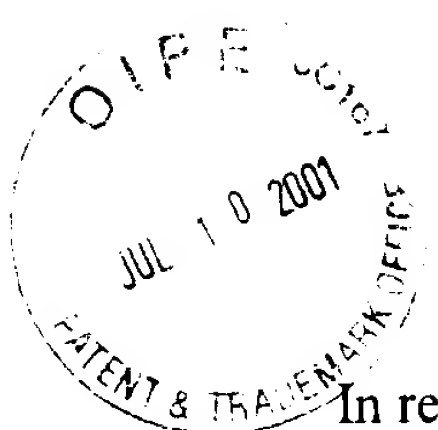


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1-154



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

C. D. Chang et al

Serial No. 09/436,520

Filed: November 9, 1999

For: HYDROALKYLATION OF

AROMATIC HYDROCARBONS

Examiner: Christina Ildebrando

Group Art Unit: 1754

AMENDMENT UNDER 37 C.F.R. 1.116

ATT: BOX AF

Assistant Commissioner for Patents  
Washington, D.C. 20231

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JUL 12 2001  
10 11 16 AM 2001

In response to the final Office Action mailed May 9, 2001 please amend this application as follows.

DEPT. OF COMMERCE  
PATENT & TRADEMARK OFFICE  
WASHINGTON, D.C. 20540

IN THE CLAIMS:

Please substitute the existing claim 10 with the following amended claim 10:

10 (Twice Amended). A catalyst suitable for the hydroalkylation of an aromatic hydrocarbon comprising

- (a) MCM-22 zeolite;
- (b) ruthenium; and
- (c) tin.